# 2015 JROC / JCIDS Overview and 2015 Updates

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# Outline

- **The big picture?** *Why we have requirements…*
- ***The prior JCIDS update?*** *Quick review of Jan 2012 changes…*
- ***The <u>upcoming</u> JCIDS update?*** *Continuing evolution for 2015…*
- ***Capability Requirement Portfolio Management…***

***----------***

***Status:***

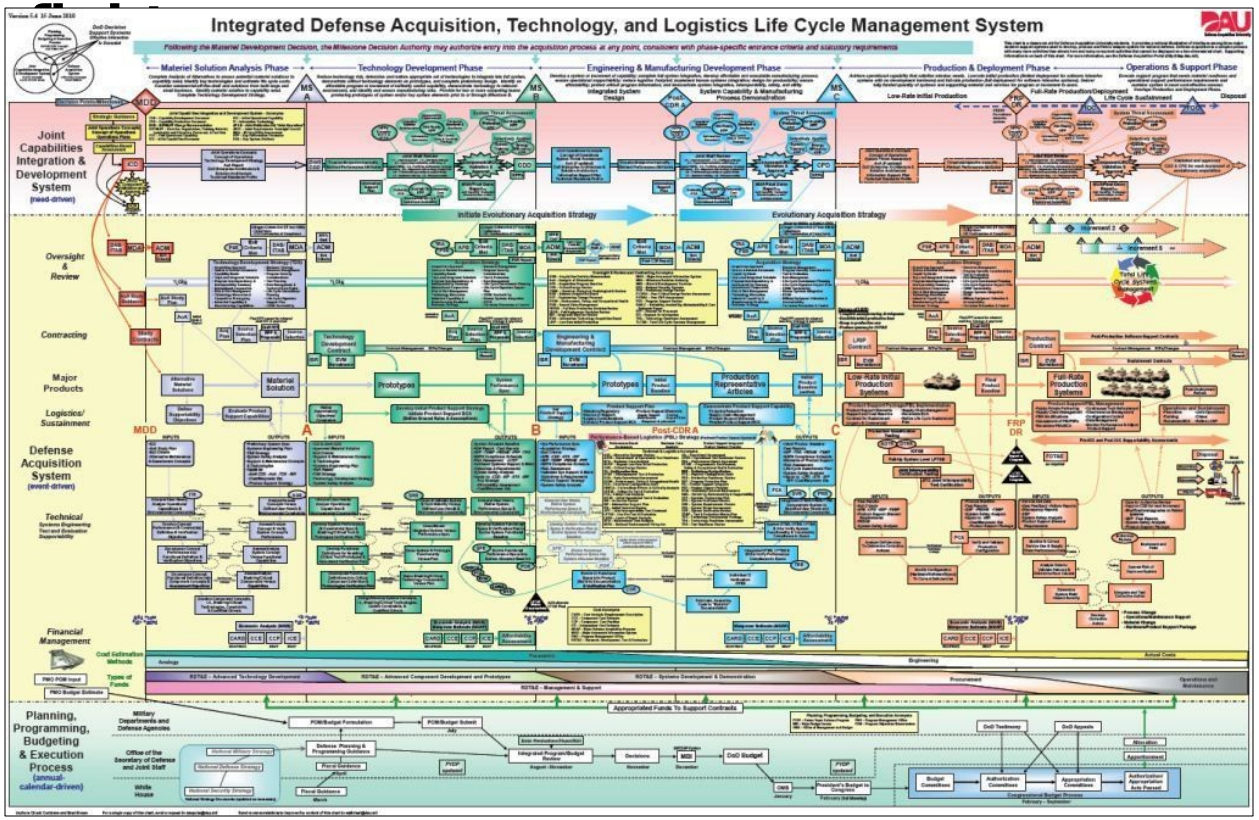
***CJCSI 5123.01 and CJCSI 3170.01 – with editors for DJS signature***

***JCIDS Manual – JROCM signed, release pending CJCSI signatures***

***Official release anticipated in Jan 2015***

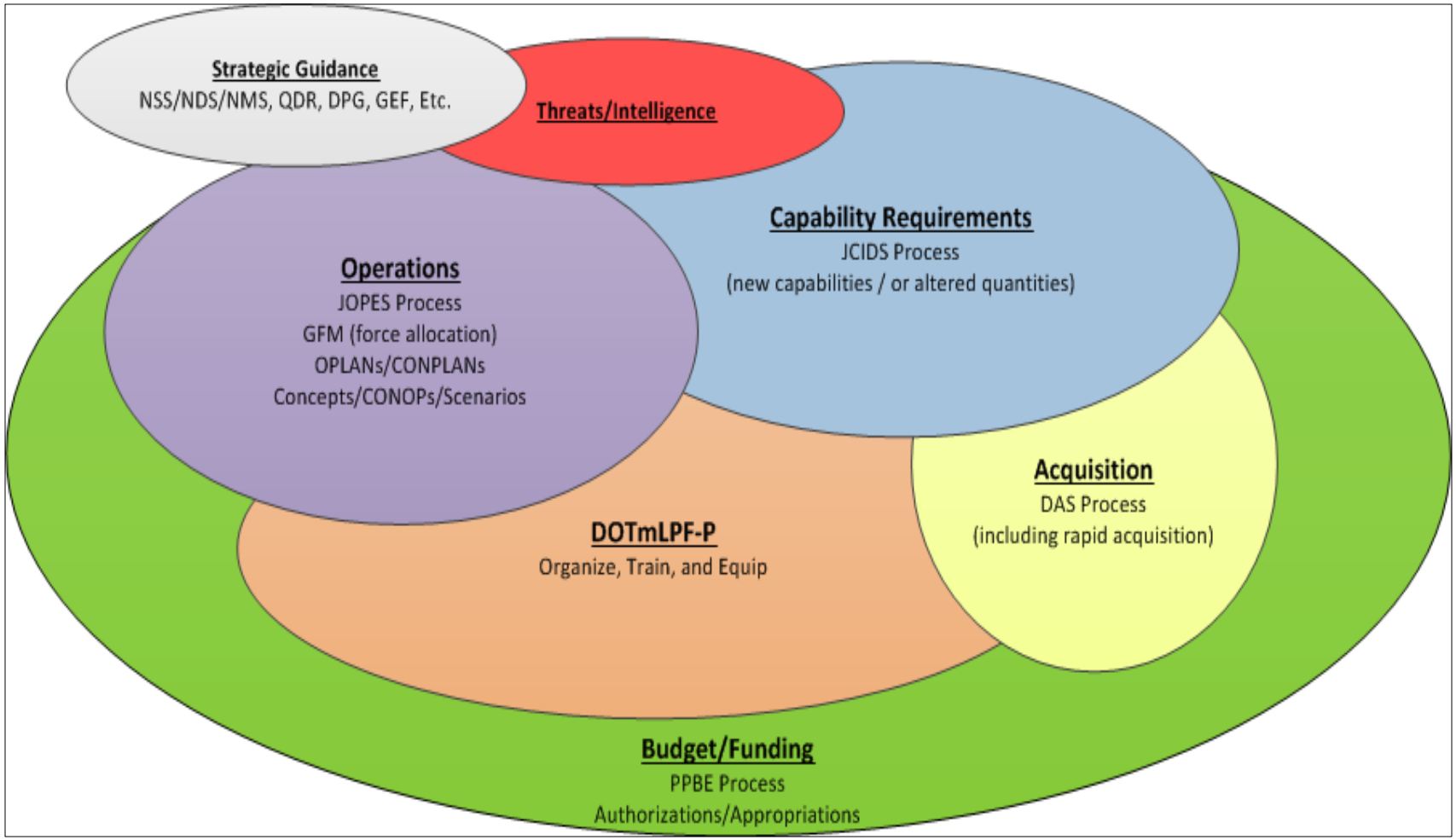
# Why do we have the JROC and JCIDS?

- **One reason: acquisition of materiel capabilities for the wa**


Integrated Defense Acquisition, Technology, and Logistics Life Cycle Management System
Materiel Solution Analysis Phase
Technology Development Phase
Engineering & Manufacturing Development Phase
Production & Deployment Phase
Operations & Support Phase
Joint Capabilities Integration & Development System
Defense Acquisition System
Planning, Programming, Budgeting & Execution Process
JCIDS
DAS
PPBE

- **But supporting acquisition is only part of the picture… More than any other body, *the JROC is charged with shaping the force***

# Departmental Process Interactions



# Requirements Tradeoffs

| Finding the balance between: | | |
|---|---|---|
| CCMD near-term requirements to support CONPLANs and current missions | and | Services' long range vision & investment plans |
| Versatile, joint systems | and | Systems optimized for service missions |
| Growing demands | and | Fiscal & political constraints |
| Geographic specificity | and | Worldwide applicability |
| Ambitious requirements | and | Achievable acquisition strategy |
| Quantity matters | and | Quality (High-end capabilities) |
| **COST** | and | **PERFORMANCE** (acceptable risk) |

# 10 USC 181 (JROC)

## JROC Mission/Responsibilities (10 USC 181)

**Assist the Chairman of the Joint Chiefs of Staff in:**

- **Identifying, assessing, and approving joint military requirements*** (including existing systems and equipment) to meet the National Military Strategy
- **Identifying the core mission area** associated with each such requirement
- **Establishing and assigning priority levels** for joint military requirements*

**In consultation with the advisors to the JROC:**

- **Ensuring that appropriate trade-offs are made among life-cycle cost, schedule, performance, and procurement quantity** objectives in the establishment and approval of military requirements
- **reviewing the estimated level of resources required** in the fulfillment of each joint military requirement* and in **ensuring that the total cost of such resources is consistent with the level of priority** assigned to such requirement

**in consultation with the COCOMs and the USD(AT&L):**

- **Establishing an objective for the overall period of time within which an initial operational capability should be delivered** to meet each joint military requirement*

**Assist acquisition officials in identifying alternatives to any acquisition program** that meet joint military requirements* for the purposes of section 2366a(b), section 2366b(a)(4), and section 2433(e)(2)

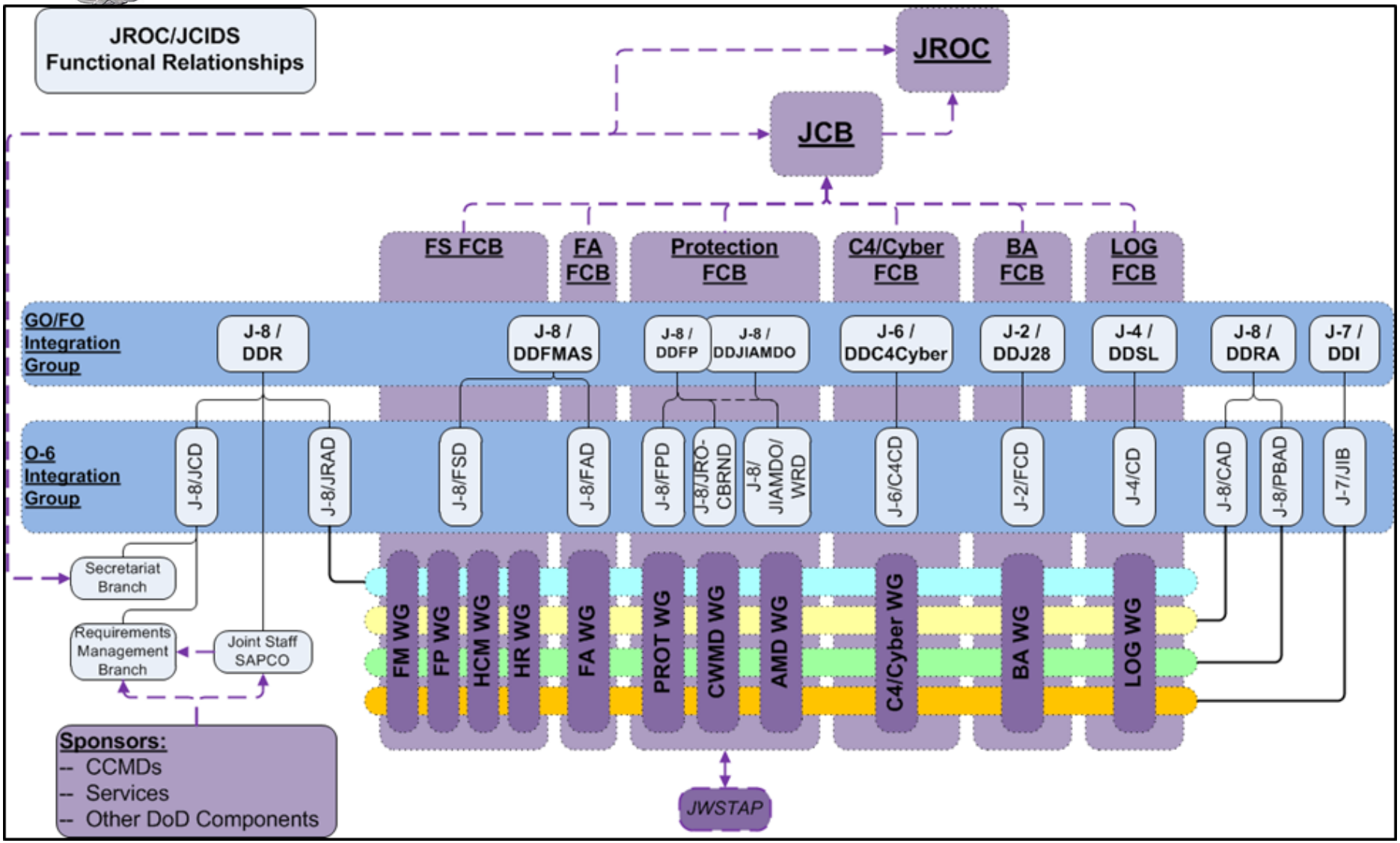
**Conduct periodic reviews of joint military requirements*** within a core mission area of the Department of Defense. In any such review of a core mission area, the officer or official assigned to lead the review shall have a deputy from a different military department.

**Address other matters assigned** to it by the President or Secretary of Defense

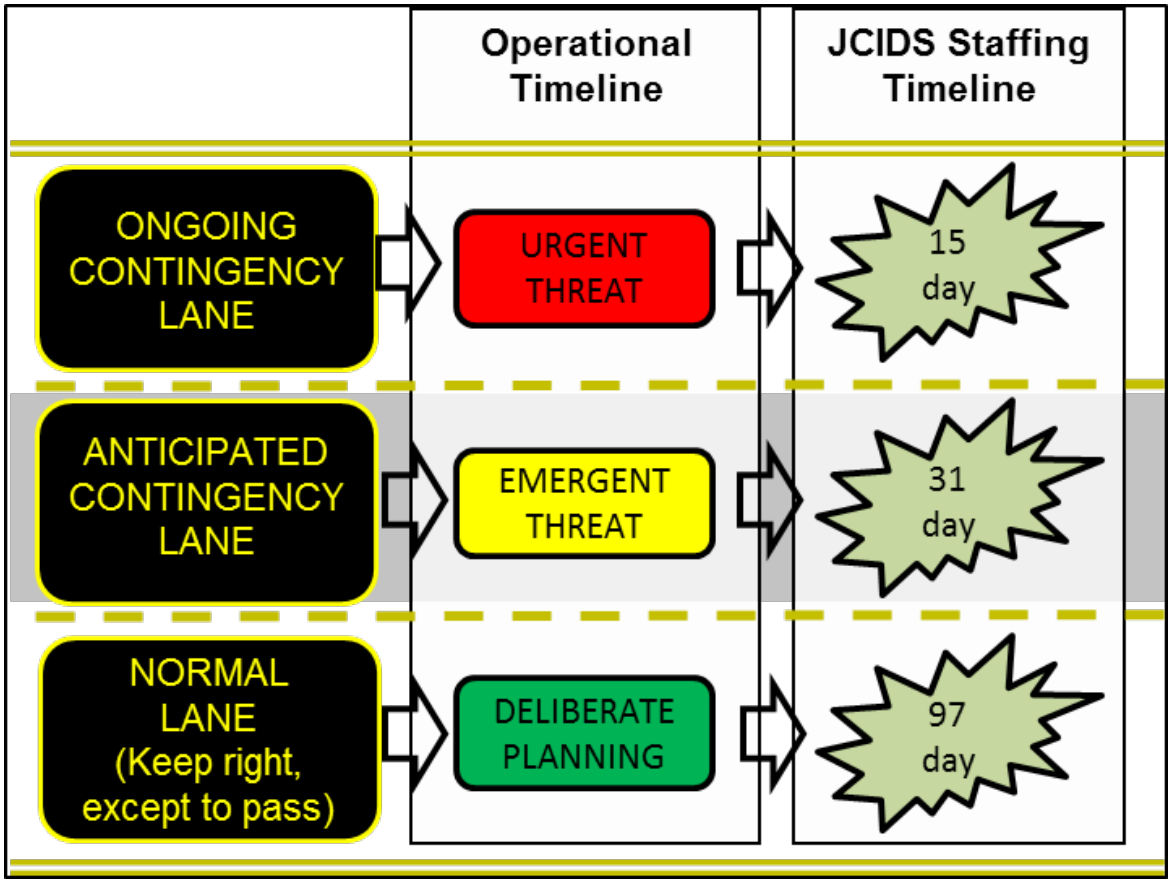
* As defined in 10 USC 181, the term joint military requirement means a capability necessary to fulfill a gap in a core mission area of the Department of Defense. The term core mission area means a core mission area of the Department of Defense identified under the most recent quadrennial roles and missions review.

The core mission areas identified in the 2009 QRMR are: Homeland Defense and Civil Support (HD/CS); Deterrence Operations; Major Combat Operations (MCOs); Irregular Warfare; Military Support to Stabilization Security, Transition, and Reconstruction Operations; and Military Contribution to Cooperative Security.

# Organizational Construct for the JROC



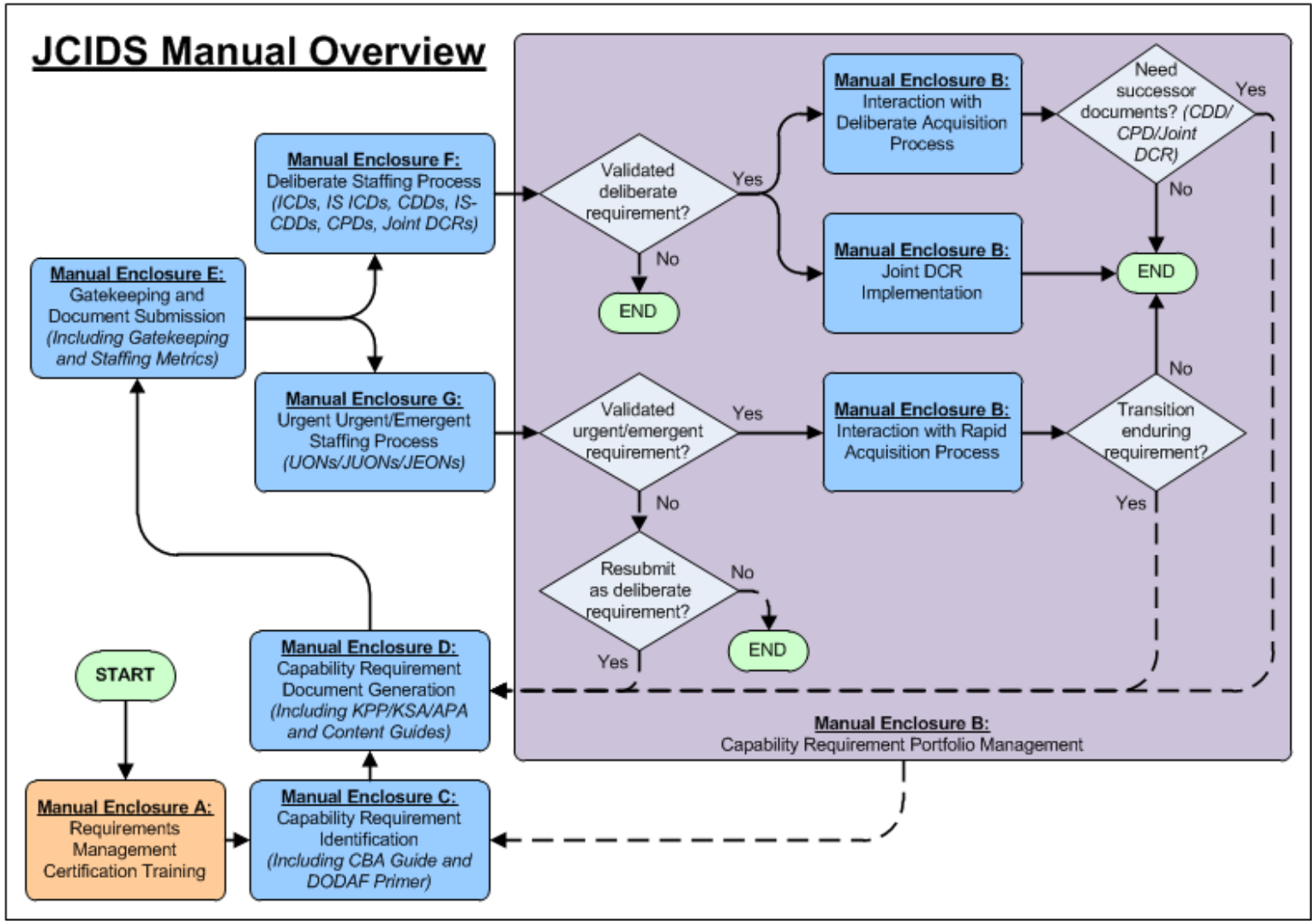
# Process Lanes



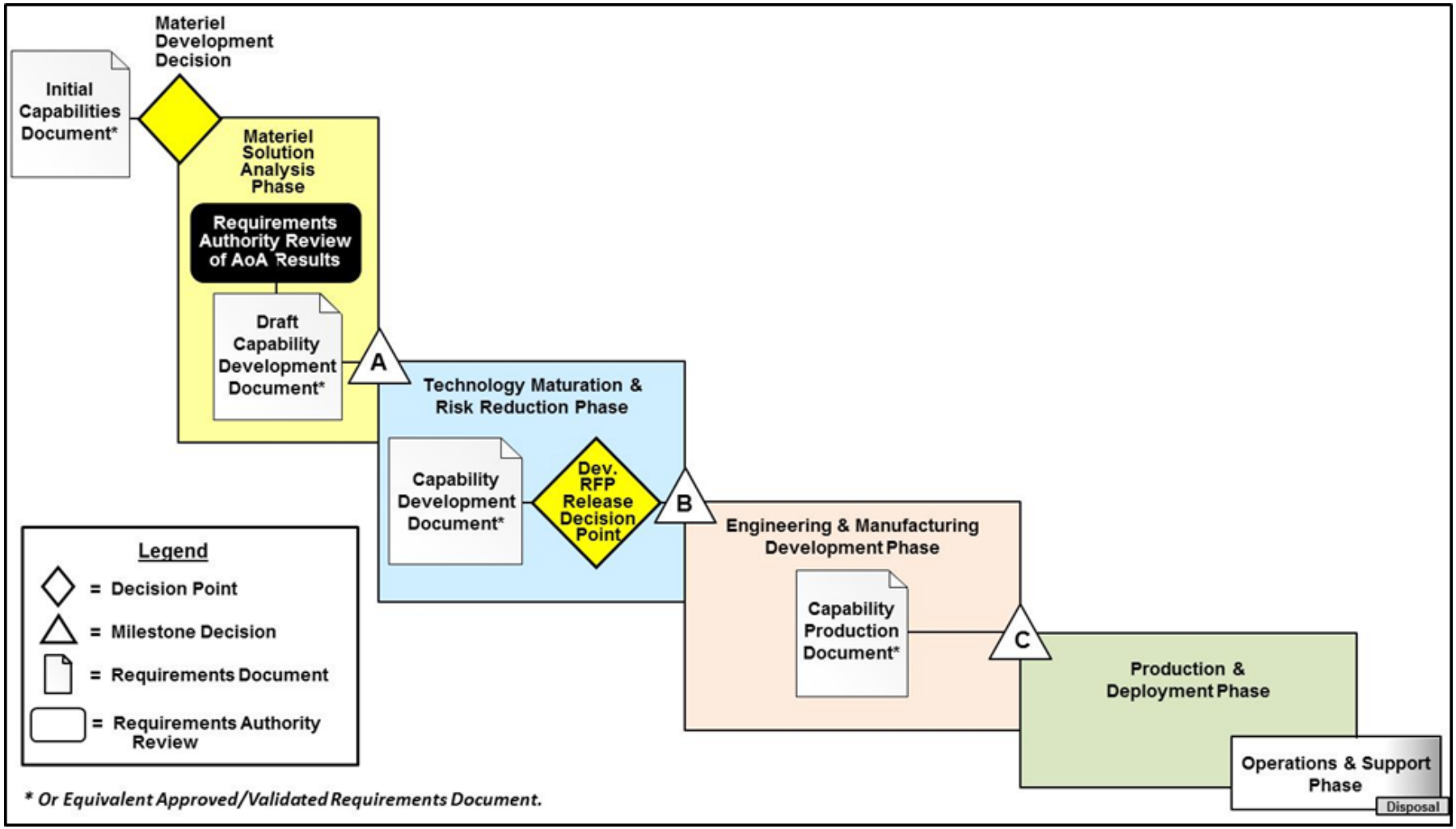
# JCIDS Guidance Documents

**CJCSI 5123.01G:** JROC Charter *(Including Roles and Responsibilities for JROC/JCIDS)*

**CJCSI 3170.01J:** JCIDS Instruction *(Overview)*


JCIDS Manual Overview
Manual Enclosure F: Deliberate Staffing Process (ICDs, IS ICDs, CDDs, IS-CDDs, CPDs, Joint DCRs)
Manual Enclosure E: Gatekeeping and Document Submission (Including Gatekeeping and Staffing Metrics)
Manual Enclosure G: Urgent Urgent/Emergent Staffing Process (UONs/JUONs/JEONs)
Validated deliberate requirement?
Yes
No
END
Manual Enclosure B: Interaction with Deliberate Acquisition Process
Need successor documents? (CDD/CPD/Joint DCR)
Yes
No
Manual Enclosure B: Joint DCR Implementation
END
Validated urgent/emergent requirement?
Yes
No
Manual Enclosure B: Interaction with Rapid Acquisition Process
Transition enduring requirement?
No
Yes
Resubmit as deliberate requirement?
No
Yes
END
Manual Enclosure B: Capability Requirement Portfolio Management
START
Manual Enclosure D: Capability Requirement Document Generation (Including KPP/KSA/APA and Content Guides)
Manual Enclosure A: Requirements Management Certification Training
Manual Enclosure C: Capability Requirement Identification (Including CBA Guide and DODAF Primer)

# Requirements – Acquisition Interaction

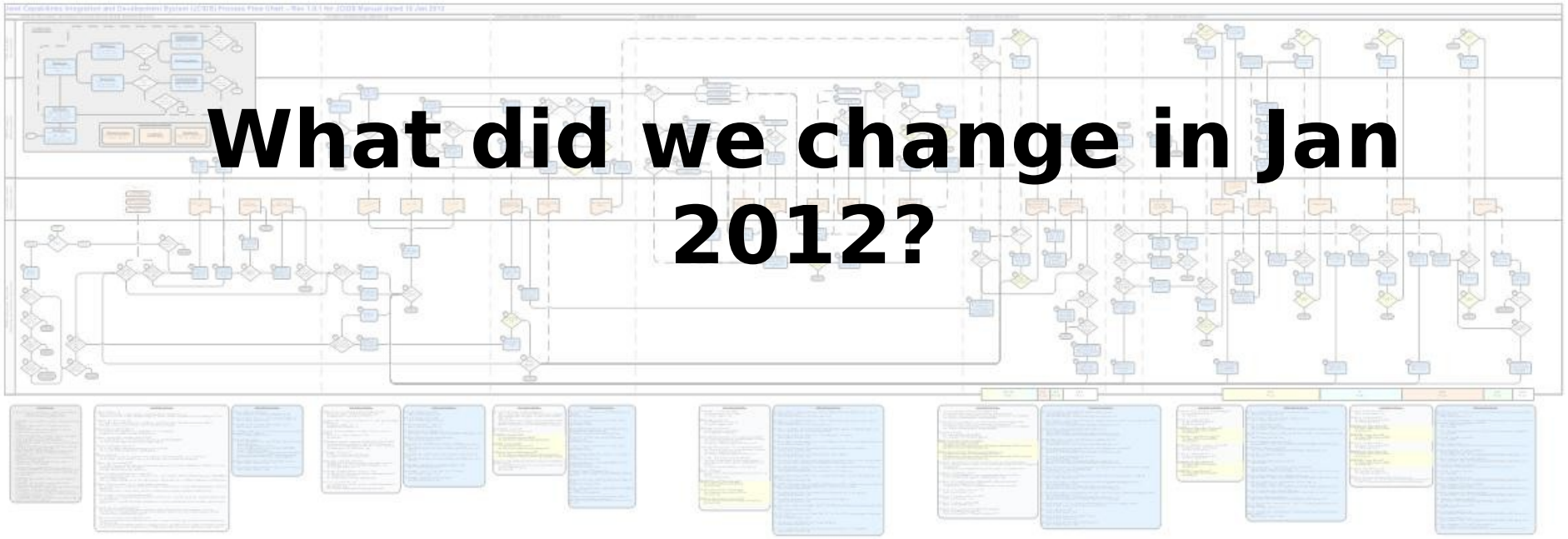


# Desired End-State

**Take the Lead in Shaping the Force – *Back to JROC and CJCS Title 10***

- **Debate the difficult issues and make difficult choices earlier**
- **Better upfront fidelity on cost/schedule/performance tradeoffs**
- **More analytic rigor and risk/portfolio analysis**
- **Stronger emphasis on prioritizing capability requirements**
- **Better end-to-end traceability to facilitate decision making: Missions – Requirements – Acquisition and DOTmLPF-P – Budget.**
- **More dynamic/iterative process throughout a program's lifecycle. (Revisit as necessary…strategy shifts, threat changes, etc.)**

# What did we change in Jan 2012?

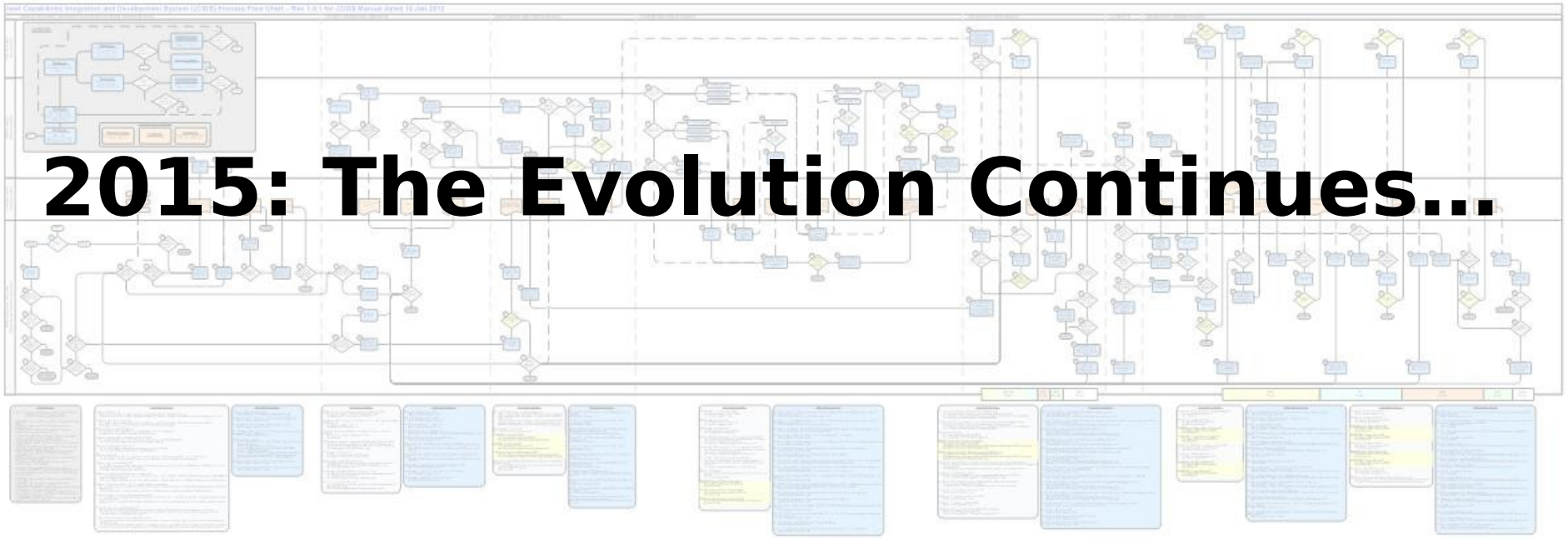


# 2012 Changes (part 1 of 2)

- **Consolidated Guidance: CJCSI 5123.01 (JROC Charter), CJCSI 3170.01 (JCIDS), and the JCIDS Manual are the core products**
  - **CJCSI 3137.01 (FCBs) and CJCSI 3470.01 (JUONs) cancelled, with content absorbed into the three core documents.**
- **Requirements Training:**
  - **Mandated Requirements Management Certification Training (RMCT)**
- **Implemented Study Notification/Repository:**
  - **Centralized repository for CBAs and other studies/analyses supporting JCIDS documents to facilitate visibility, collaboration, and re-use**
- **Documents:**
  - **Page limits: ICD (10), DCR (30), CDD (45), CPD (40)**
  - **Implemented "IT Box" construct – IS ICD.**
  - **Institutionalized JUONs and JEONs for urgent/emergent needs.**
  - **Clarified joint visibility requirements for all documents**
  - **Clarified submission of higher classification documents/issues**

# 2012 Changes (part 2 of 2)

- **Organizations:**
  - Added CCMDs as full members of JROC
  - Disestablished the Building Partnerships FCB
  - Established SAP Integration Group
  - Established Joint Requirements Assessment Division (JRAD)
  - Clarified Joint Staff J-7 Role and DOTmLPF-P Endorsement
- **Staffing:**
  - Streamlined staffing: Deliberate: 83 days. Urgent/Emergent : 15-31 days
  - Placed focus on finding “knee in the curve” tradeoffs
  - Post-AoA review of results/recommendations and draft KPP review
- **Post-Validation:**
  - More robust Tripwire Process – for cost, schedule, quantity changes.
  - Institutionalized Capability Gap Assessment (CGA) Process



# 2015: The Evolution Continues…

# 2015 Changes (part 1 of 2)

- **Consolidated Guidance: CJCSI 5123.01 (JROC Charter), CJCSI 3170.01 (JCIDS), and the JCIDS Manual are still the core products**
  - **CJCSI 3312.01 (Intelligence Certification), CJCSI 6212.01 (Net-Ready KPP), and JWSTAP Charter (Weapon Safety Endorsement) cancelled, with content absorbed into the three core documents**
  - **Significant revision of Intelligence Certification content**
- **Roles/Responsibilities:**
  - **Expanded guidance for stakeholder roles/responsibilities in CJCSI 5123**
- **Developing Requirements:**
  - **Refined CBA guidance**
  - **Focus on leveraging DODAF to streamline development activities**
  - **ICD Attributes: "Initial Objective Values" vice "Minimum Values"**
  - **Enable more robust leverage of S&T efforts to satisfy**

# 2015 Changes (part 2 of 2)

- **Documents:**
  - **Streamlines document formats (starts with June 2012 alternate formats)**
  - **Extends "IT Box" construct to IS CDD**
  - **Aligns affordability sections of CDDs/CPDs with new DODI 5000.02**
  - **Content/Endorsement guides for Mandatory KPPs, Weapon Safety endorsement, DOTmLPF-P endorsement, and Intelligence Certification**
  - **Requires "validation page" to be combined with JCIDS documents**
- **Staffing:**
  - **Merges JSDs of Joint Information and Independent**
  - **Integrates Common gatekeeping with DCMO for Defense Business Systems**
  - **Enhances guidance for submission and review of higher classification documents/issues, including SAP/SAR and ACCM**

# Capability Requirement Portfolio Management

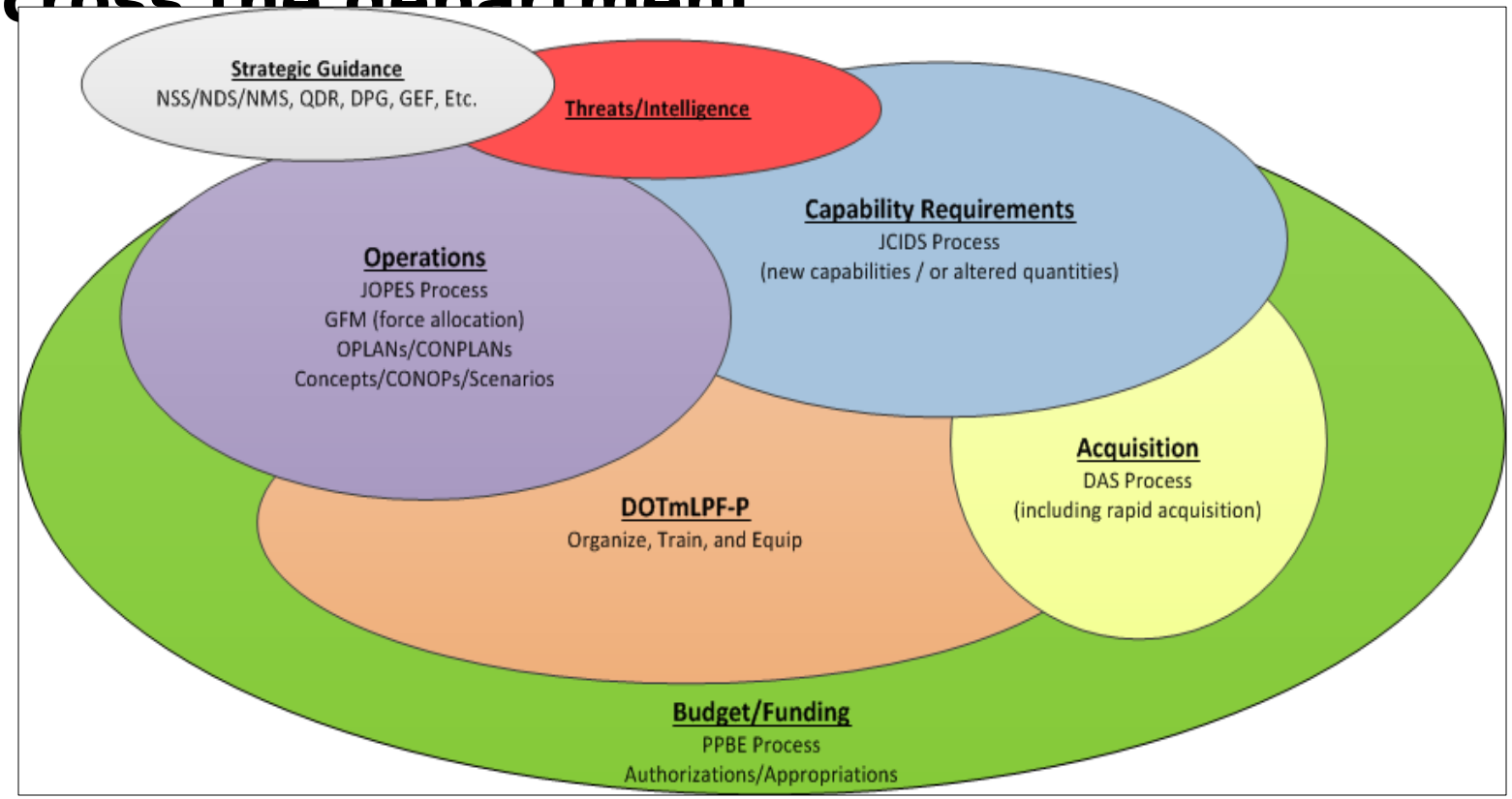
***The Key to Robust Integration in an Uncertain Future***

# Overview

- **The key objective of the JCIDS process is to facilitate the JROC and its subordinate boards, as informed by other stakeholders in the capability requirements process, to:**
  - **Manage/prioritize capability requirements within and across the capability requirement portfolios**
  - **Inform assessments, processes, and activities across DOD**
  - **Enable the JROC/CJCS to meet statutory responsibilities**

# Process Interactions

**The capability requirement portfolios managed under the JCIDS process inform and are informed by other processes and activities across the department**



# *Understanding Portfolio Dependencies*

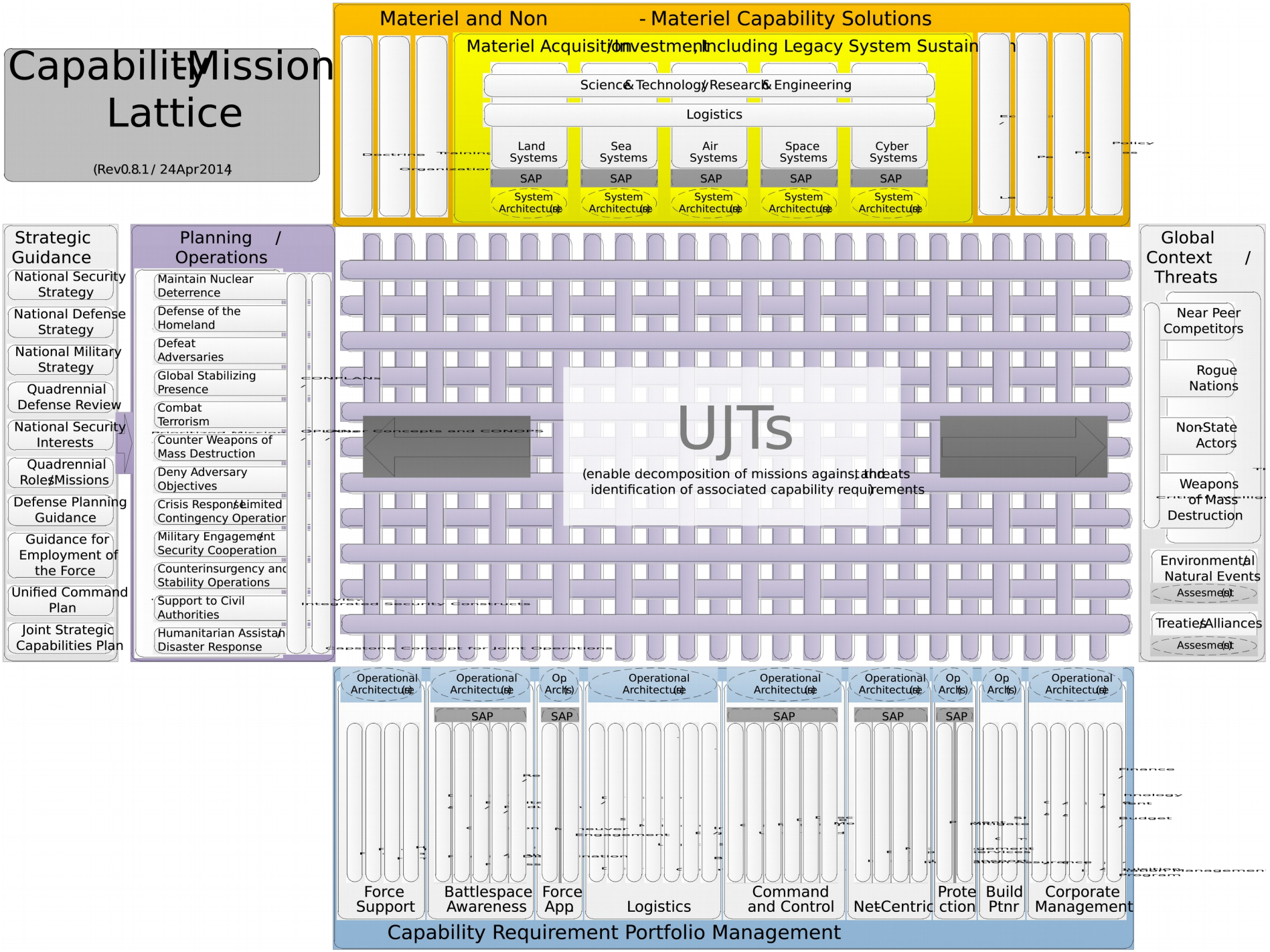
- **Stakeholders must understand capability dependencies, relationship to the UJTs they enable, and the missions they support.**

- **The CML (next slide) provides a logical construct for dependencies and traceability of capability requirements.**

- **Knowledge of historical decisions and rationale, including past cycles of CGA and PBR, is also critical to make informed assessments and decisions.**

# Capability Mission Lattice

(Rev0.8.1 / 24Apr2014)

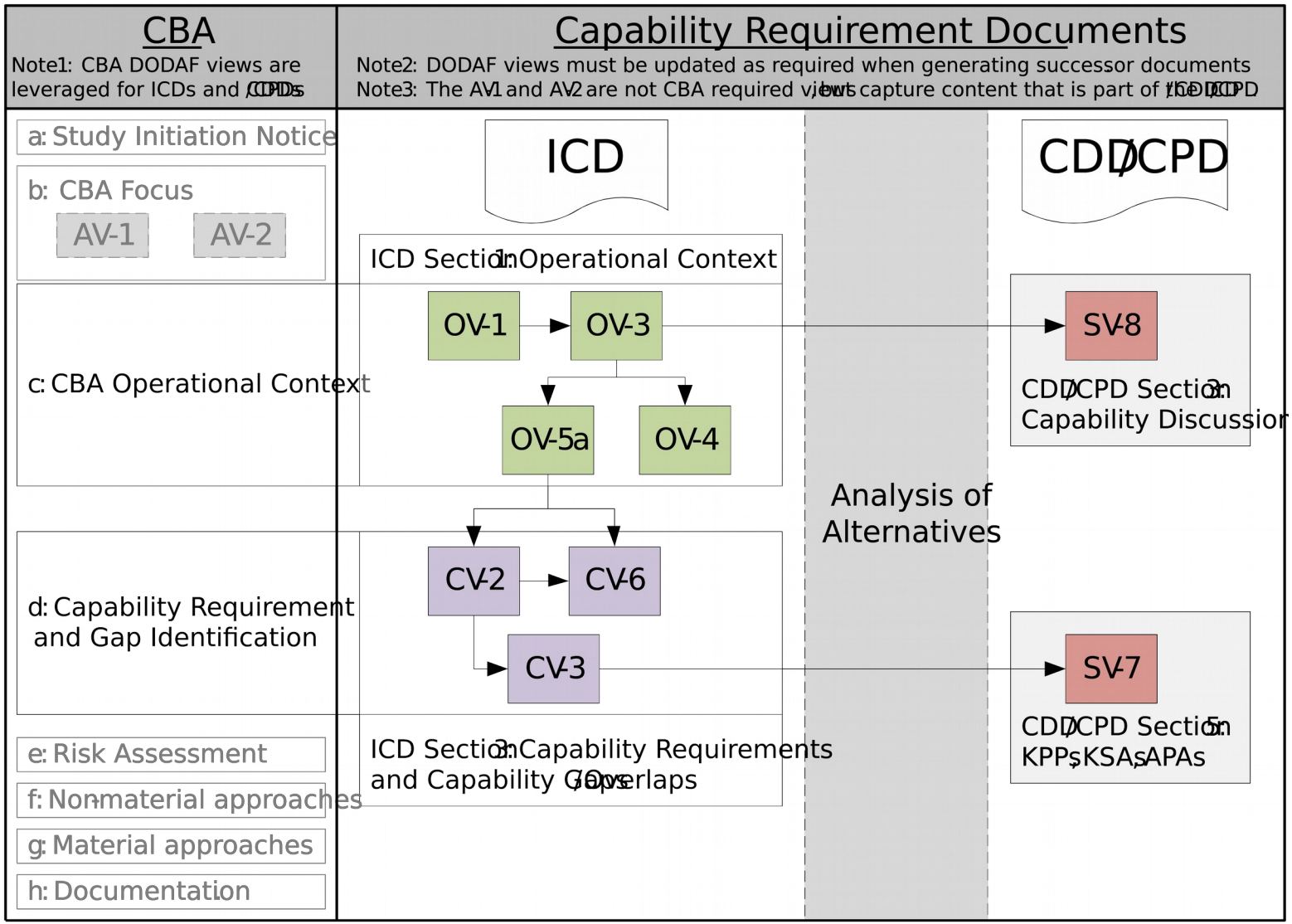


# JRAD Portfolio Tools

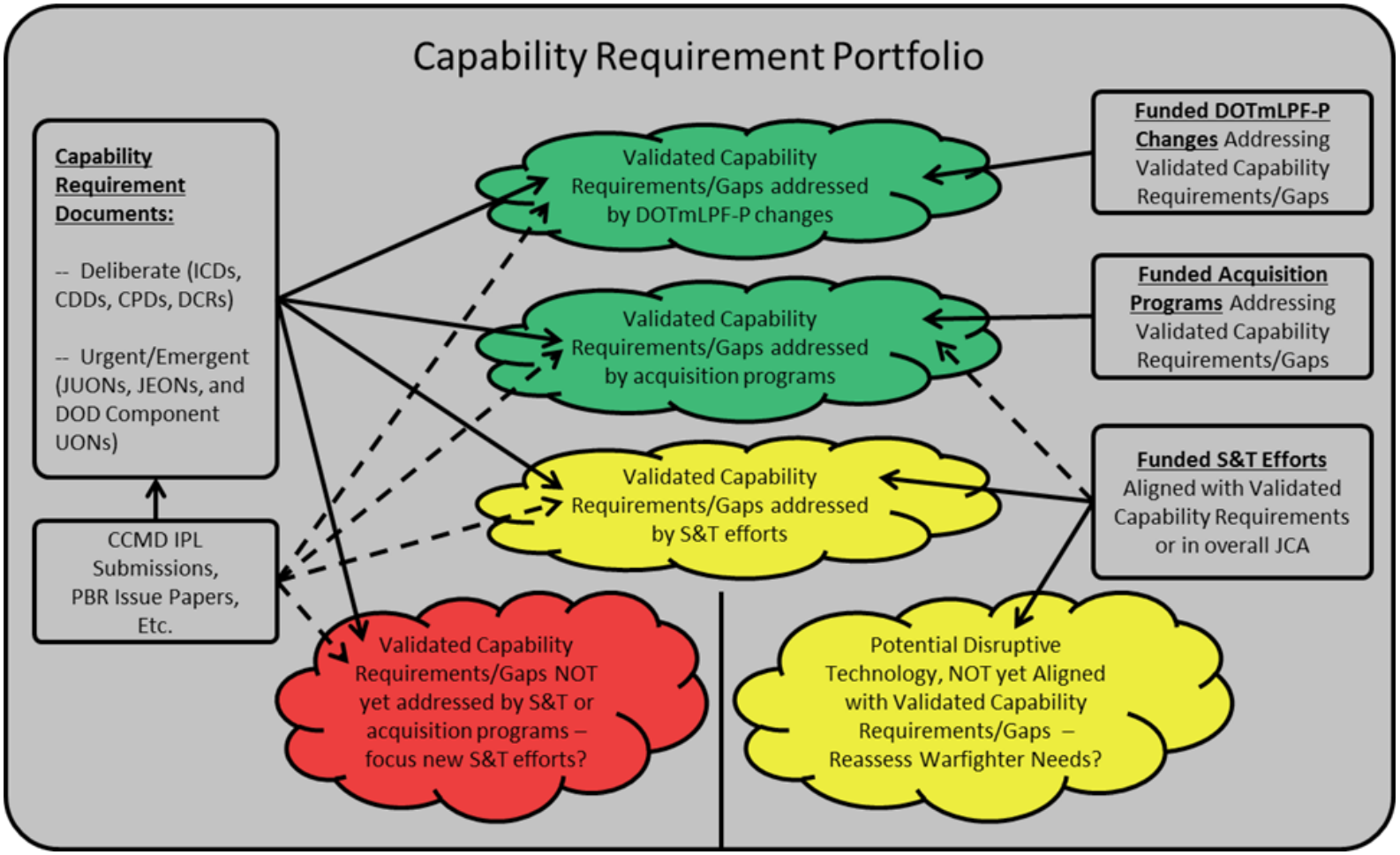
**The portfolio tools in development specifically allow queries against and integrate information related to:**

- **Mapping defense planning scenarios to UJTs. (J8/FCD)**
- **Mapping UJTs to JCAs. (J7/UJTL)**
- **Mapping validated capability requirements to JCAs. (KM/DS)**
- **Mapping current and recently completed S&T efforts to JCAs. (DTIC)**
- **Mapping validated capability requirements to acquisition programs. (DAMIR)**

# DODAF Architecture Views



# Innovation through S&T Integration


Capability Requirement Portfolio
Capability Requirement Documents:
-- Deliberate (ICDs, CDDs, CPDs, DCRs)
-- Urgent/Emergent (JUONs, JEONs, and DOD Component UONs)
CCMD IPL Submissions, PBR Issue Papers, Etc.
Validated Capability Requirements/Gaps addressed by DOTmLPF-P changes
Validated Capability Requirements/Gaps addressed by acquisition programs
Validated Capability Requirements/Gaps addressed by S&T efforts
Validated Capability Requirements/Gaps NOT yet addressed by S&T or acquisition programs – focus new S&T efforts?
Potential Disruptive Technology, NOT yet Aligned with Validated Capability Requirements/Gaps – Reassess Warfighter Needs?
Funded DOTmLPF-P Changes Addressing Validated Capability Requirements/Gaps
Funded Acquisition Programs Addressing Validated Capability Requirements/Gaps
Funded S&T Efforts Aligned with Validated Capability Requirements or in overall JCA

# Continuous Assessment

- **Changes may require reassessment of the capability requirement portfolios to ensure that any impacts are identified and appropriate actions taken to best serve the joint force.**
  - **Revisiting previously validated capability requirements for potential adjustment in light of the updated guidance.**
  - **Initiating studies or analyses to assess identified gaps or overlaps in the capability requirement portfolios.**
  - **Using capability requirement portfolio assessments to inform other Departmental processes or decision making, such as in PBR.**

# Questions?

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**Or later/online:**

**NIPR: https://www.intelink.gov/wiki/JCIDS**

**SIPR: https://www.intelink.sgov.gov/wiki/JCIDS**

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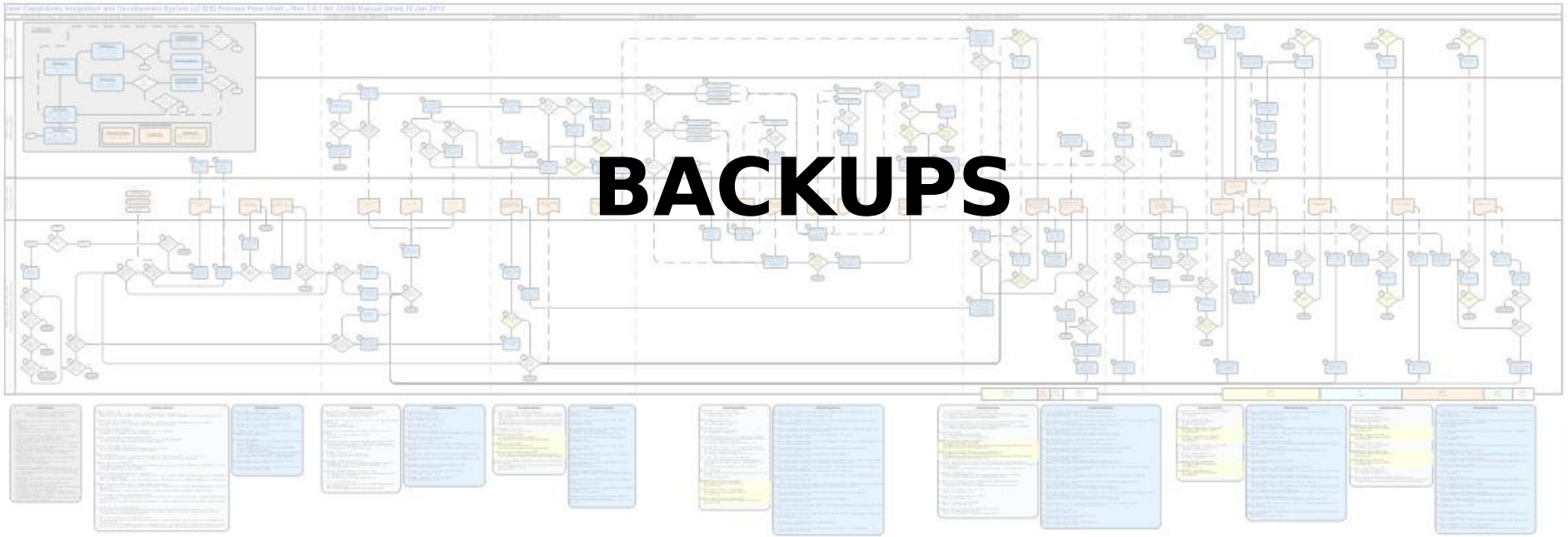
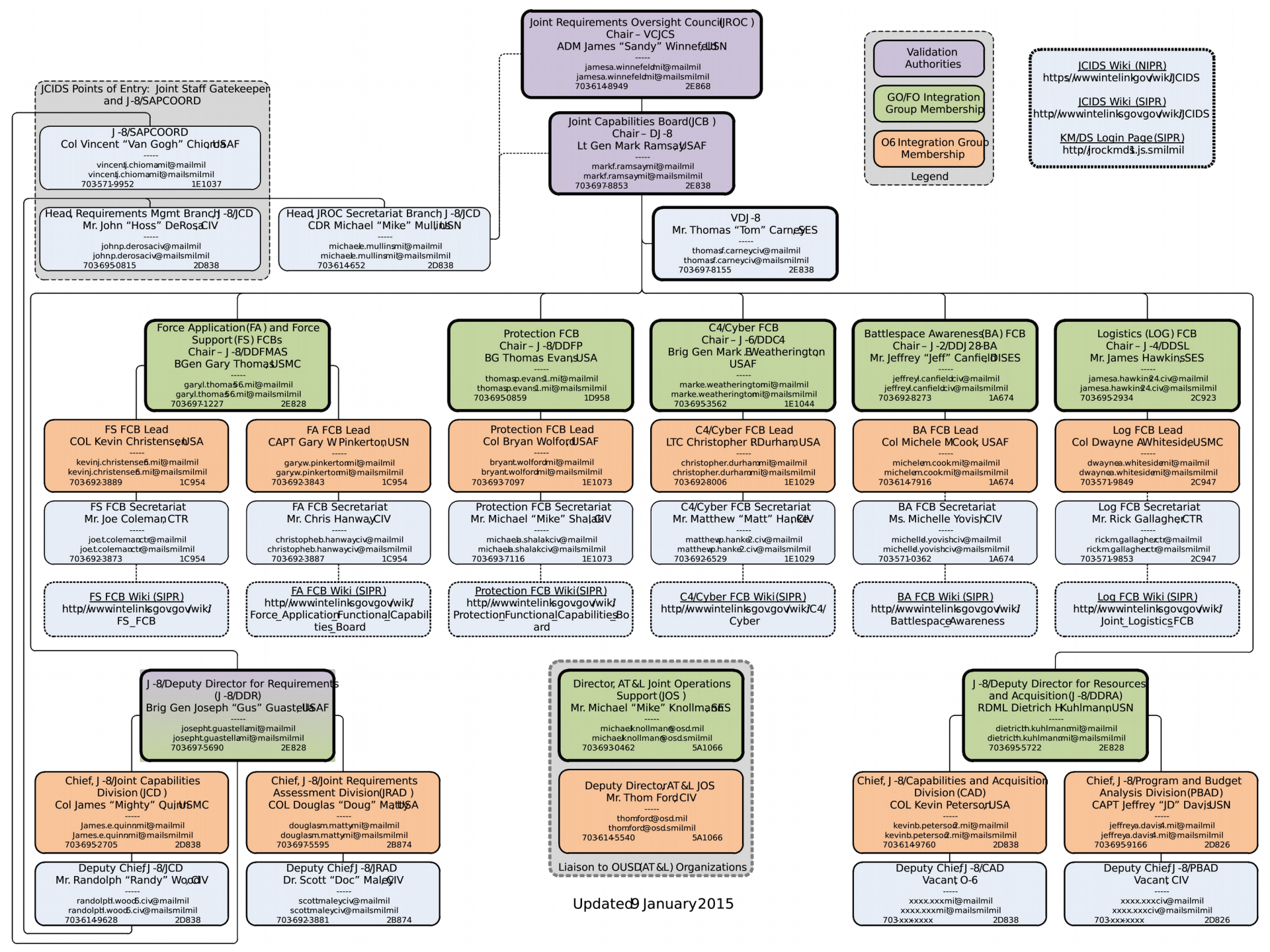


# BACKUPS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Validation Authorities
GO/FO Integration Group Membership
O6 Integration Group Membership
Legend
JCIDS Wiki (NIPR)
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JCIDS Wiki (SIPR)
http://www.intelink.sgov.gov.gov/wiki/JCIDS
KM/DS Login Page (SIPR)
http://jrockmds1.js.smilmil
JCIDS Points of Entry: Joint Staff Gatekeeper and J-8/SAPCOORD
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http://www.intelink.sgov.gov.gov/wiki/Joint_Logistics_FCB
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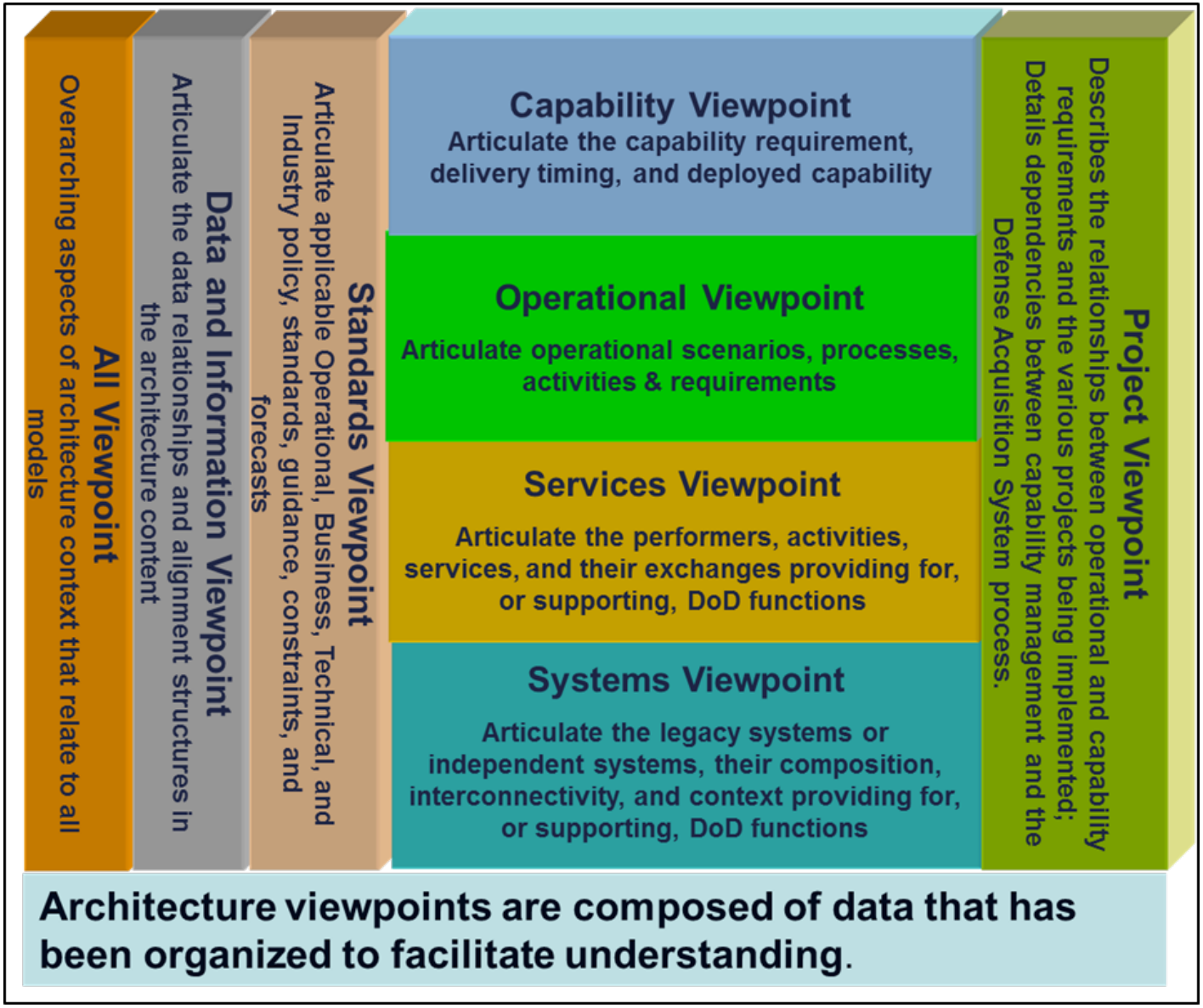
# Primary Stakeholders/Equities

| Capability Requirement Documents | | | Section Primary Equities | |
|---|---|---|---|---|
| **ICD** | **DCR** | **CDD/CPD** | **Joint Staff** | **Other/Advisors** |
| Operational Context | Operational Context | Operational Context | J3/J5 | CAPE (for ISCs) |
| Threat Summary | Threat Summary | Threat Summary | J-2/IRCO | USD(I) |
| Capability Requirements / Capability Gaps | Capability Discussion | Capability Discussion | FCBs, J-8/JRAD, J-8/CAD, J-8/PBAD | MDA, ASD(A), ASD(R&E), ASD(L&MR), USD(I), DOD CIO, DASD(T&E), DOT&E |
| | | Program Summary | | |
| | | KPPs/KSAs/APAs Other Attributes | | |
| | | Mandatory KPPs | J8/FPD, J4/MXD, J6/C4CD, J4/ED | DASD(MR), DOD CIO, ASD(OEPP) |
| | | Spectrum Requirements | J-6/C4CD | USD(AT&L) – C3 & Cyber |
| | | Intelligence Supportability | J-2/IRCO | USD(I) |
| | | Weapon Safety Assurance | JWSTAP | ASD(L&MR) |
| | | Technology / Manufacturing Readiness | FCBs, J-8/JRAD, J-8/CAD, J-8/PBAD | ASD(R&E) |
| Non-materiel Approaches | Change Recommendations | DOTmLPF-P Considerations | J-1, J-4, J-5, J-7, J-8/FD | USD(P), USD(P&R), ASD(L&MR) |
| Recommendations | Resource Summary | Program Affordability | Validation Authority | MDA, CAPE |

# DODAF Viewpoints


All Viewpoint
Overarching aspects of architecture context that relate to all models
Data and Information Viewpoint
Articulate the data relationships and alignment structures in the architecture content
Standards Viewpoint
Articulate applicable Operational, Business, Technical, and Industry policy, standards, guidance, constraints, and forecasts
Capability Viewpoint
Articulate the capability requirement, delivery timing, and deployed capability
Operational Viewpoint
Articulate operational scenarios, processes, activities & requirements
Services Viewpoint
Articulate the performers, activities, services, and their exchanges providing for, or supporting, DoD functions
Systems Viewpoint
Articulate the legacy systems or independent systems, their composition, interconnectivity, and context providing for, or supporting, DoD functions
Project Viewpoint
Describes the relationships between operational and capability requirements and the various projects being implemented; Details dependencies between capability management and the Defense Acquisition System process.
Architecture viewpoints are composed of data that has been organized to facilitate understanding.